Patent Attorney Docket No. 98-027 Express Mail No. EL730648566US



AMENDMENT TRANSMITTAL LETTER

THE APRILL ATION OF: Verne C. Hornbeck and Derryl D.J. Allman

SERIAL NO: 09/217,183 DATE FILED: December 21, 1998

FOR :On-Chip Graded Index of Refraction Optical Waveguide and Damascene Method of Fabricating the Same

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

SIR:

TRANSMITTED HEREWITH IS AN AMENDMENT IN THE ABOVE-IDENTIFIED APPLICATION.

[X] Amendment and Response to Office Action

[X] Amended Claims Compared to Pervious Claims Upon Entry of Amendment and Response to Office Action

[X] Petition for Two-Month Extension of Time

[X] Check in the amount of \$390.00 for the required petition fee [X] Information Disclosure Statement and Form PTO-1449

FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

_	(COL. 1) CLAIMS	(COL. 2) HIGHEST NO. PREVIOUSLY PAID FOR		(COL. 3) PRESENT EXTRA		SMALL ENTITY			LARGE ENTITY	
,	REMAINING AFTER AMENDMENT					RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
TOTAL:	29	-	26	**	3	X \$9 =	\$0.00	OR	X \$18 =	\$54 .00
INDEP:	2*	-	3	***	0	X \$40 =	\$0.00	OR	X \$80 =	\$0.00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS						+ \$130 =		OR	+ \$260 =	
	ADDITIONAL FEES						\$0.00	OR	TOTAL:	\$54 .00

^{*}IF THE ENTRY IN COL. 1 IS LESS THAN THE ENTRY IN COL. 2, WRITE "0" IN COL. 3.

THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" (TOTAL OR INDEPENDENT) IS THE HIGHEST NUMBER FOUND FROM THE EQUIVALENT BOX IN COL. 1 OF A PRIOR AMENDMENT OR THE NUMBER OF CLAIMS ORIGINALLY FILED.

- [X] PLEASE CHARGE DEPOSIT ACCOUNT NO. 12-2252 IN THE AMOUNT OF \$54.00 FOR THE ADDITIONAL FEES. A DUPLICATE COPY OF THIS SHEET IS ENCLOSED.
- [X] A CHECK IN THE AMOUNT OF \$390.00 TO COVER THE PETITION FEE IS ENCLOSED.
- [X] THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE PAYMENT OF THE FOLLOWING FEES ASSOCIATED WITH THIS COMMUNICATION OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 12-2252. A DUPLICATE COPY OF THIS SHEET IS ENCLOSED.
 - [X] ANY FILING FEES UNDER 37 CFR 1.16 FOR THE PRESENTATION OF EXTRA CLAIMS.
 - [X] ANY PATENT APPLICATION PROCESSING FEES UNDER 37 CFR 1.17.

Dated at Greenwood Village, Colorado, this 27th day of August, 2001.

Respectfully submitted,

John R. Ley Registration No. 27,453

ATTORNEY FOR APPLICANT

JOHN R. LEY, LLC 5299 DTC Blvd., Suite 610 Englewood, Colorado 80111-3327 Telephone: (303) 740-9000 Facsimile: (303) 740-9042

^{**}IF THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" IN THIS SPACE IS LESS THAN 20, WRITE "20" IN THIS SPACE.

^{***}IF THE "HIGHEST NUMBER PREVIOUSLY PAID FOR" IN THIS SPACE IS LESS THAN 3, WRITE "3" IN THIS SPACE.

07-28-01



GP/2277

PATENT /

Attorney Docket No. 98-027 Express Mail No. EL730648566US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applic	ation of Verne C. Hornbeck and Derryl D.J. Allman))) Group Art Unit: 2977			
Serial N o.	09/217,183				
Filed:	December 21, 1998) Examiner: L. G. Lauchman			
For:	ON-CHIP GRADED INDEX OF REFRACTION OPTICAL WAVEGUIDE AND DAMASCENE METHOD OF FABRICATING THE SAME))))			
	CERTIFICATE OF MAILING BY EX	KPRESS MAIL			
	Annual Control of the Control of Table 1 and a second of				

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the attached Amendment Transmittal Letter; Amendment and Response to Office Action; Amended Claims Compared to Previous Claims Upon Entry of Amendment and Response to Office Action; Petition for Two Month Extension of Time; check in the amount of \$390.00 for petition fee; Information Disclosure Statement; Form PTO-1449; Certificate of Mailing by Express Mail; and Return Card, relating to the above application, were deposited as "Express Mail," Mailing Label No. EL730648566US, with the United States Postal Service, addressed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this 27th day of August, 2001.

Date /

8/27/01

Date

John R. Lefy

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